

W240DJ proposed facility overlap study											
Relocated lower on CP permitted tower with different directional pattern											
REFERENCE		CH# 240D - 95.9 MHz, Pwr= 0.25 kW DA, HAAT= 202.5 M, COR= 280 M								DISPLAY DATES	
39 00 00.0 N.		Average Protected F(50-50)= 18.64 km								DATA 04-17-18	
77 03 26.0 W.		Standard Directional								SEARCH 04-17-18	
CH	CALL	TYPE	ANT	AZI	DIST	LAT	PWR(kW)	INT(km)	PRO(km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG	HAAT(M)	COR(M)	LICENSEE	(Overlap in km)	
240D	W240DJ	CP	DC_	0.0	0.00	39 00 00.0	0.250	0.00	0.00	64.5R	-64.5M
Washington		DC		0.0	BFPT20170410ADU	77 03 26.0		296	Radio One Licenses, Llc		
240D	W240DJ	LIC	DC_	137.3	6.76	38 57 19.0	0.100	6.76	6.76	64.5R	-57.7M
Washington		DC		317.3	BLFT20161116AAA	77 00 15.0		152	Radio One Licenses, Llc		
242B	WHUR-FM	LIC	_CX	199.4	5.86	38 57 01.0	16.500	5.2	61.7	-17.9*	-57.8*
Washington		DC		19.4	BLED20040413AAY	77 04 47.0	244	318	The Howard University		
238B	WPGC-FM	LIC	_C_	140.1	19.73	38 51 49.0	50.000	6.0	65.6	-6.5*	-47.9*
Morningside		MD		320.2	BMLH20101108ABS	76 54 40.0	148	195	Cbs Radio Of Maryland, Llc		
240A	WWIN-FM	LIC	_CN	61.5	47.89	39 12 16.0	3.000	74.3	21.9	-39.9*	0.5
Glen Burnie		MD		241.8	BMLH19920325KC	76 34 07.0	91	113	Radio One Licenses, Llc		
240A	WGRQ	LIC	_CX	205.4	89.41	38 16 21.0	2.500	85.9	30.3	-15.0	1.4
Fairview Beach		VA		25.1	BLH20130306AAX	77 29 46.0	158	216	Telemedia Broadcasting, In		
240A	WICL	LIC	_C_	317.5	91.61	39 36 18.0	3.300	77.2	24.3	-2.4	12.2
Williamsport		MD		137.0	BLH19981209KE	77 46 49.0	91	243	West Virginia Radio Corpor		
294B	WJFK-FM	LIC	DCX	225.9	20.06	38 52 28.0	20.000	0.0	0.0	14.5R	5.6M
Manassas		VA		45.8	BLH20141121AHM	77 13 25.0	223	312	Cbs Radio Of Washington Dc		
241B	WSOX	LIC	DCX	22.0	108.58	39 54 16.0	13.500	55.1	48.1	36.7	23.9
Red Lion		PA		202.3	BLH20041222GDH	76 34 48.0	290	483	Radio License Holding Src		
293B	WWMX	LIC	_CX	43.1	51.12	39 20 04.6	11.000	0.0	0.0	14.5R	36.6M
Baltimore		MD		223.4	BLH20130107ABF	76 39 03.1	288	371	Cbs Radio Stations Inc.		
293B	WWMX	CP	_CX	43.1	51.12	39 20 04.6	10.300	0.0	0.0	14.5R	36.6M
Baltimore		MD		223.4	BPH20170915AAY	76 39 03.1	296	379	Cbs Radio Stations Inc.		
240B1	WKZP	LIC	NCX	110.5	178.31	38 25 20.0	10.500	101.9	42.9	56.0	64.2
West Ocean City		MD		291.7	BLH20161017ABV	75 08 23.0	143	147	Capstar Tx, Llc		
240B1	WKZP	LIC	NCX	110.5	178.31	38 25 20.0	10.500	101.9	42.9	56.0	64.2
Bethany Beach		DE		291.7	BLH20041018ACC	75 08 23.0	143	147	Capstar Tx, Llc		
241D	W241AO	LIC	DC_	81.7	90.75	39 06 47.0	0.045	11.1	7.7	60.7	71.3
Wye Mills		MD		262.4	BLFT20151019AUB	76 00 58.0	86	94	Hope Christian Church Of M		

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Terrain database is FCC NGDC 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM  
In & Out distances between contours are shown at closest points. Reference zone= East Zone, Co to 3rd adjacent.  
All separation margins (if shown) include rounding.  
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)  
\*\*\*affixed to 'IN' or 'OUT' values = site inside restricted contour.  
Reference station has protected zone issue: AM tower